

1           DIGITAL PHOTOGRAPH PRESENTATION USING DVD PLAYERS

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3           Abstract of the Disclosure

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5           Method and apparatus for digital photograph presentation. A method for  
6        digital photograph presentation in accordance with one embodiment includes reading  
7        a still-picture file for a selected photograph from a DVD disc (402), transcoding (500)  
8        data from the still-picture file into a sequence of frames, and decoding and presenting  
9        the sequence. An apparatus for digital photograph presentation in accordance with  
10      one embodiment is a DVD player device (400 or 410) that includes a transcoder  
11      (404 or 412) for converting in real-time (see 500) still-picture files to sequences of  
12      frames, a navigator (406) for selecting the still-picture files and for controlling the  
13      transcoder (404 or 412) to direct presentation of the sequences. A method for  
14      digital photograph presentation in accordance with another embodiment includes  
15      encoding (300) onto a DVD disc (202) MPEG2 sequences that include the digital  
16      photographs as I-picture frames, inserting the DVD disc into a DVD player (200), and  
17      navigating amongst the MPEG2 sequences and displaying selected photographs  
18      using the DVD player (200). An apparatus for digital photograph presentation in  
19      accordance with another embodiment is a DVD player (400 or 410) that includes a  
20      navigator (204) for selecting the digital photographs encoded as MPEG2 sequences  
21      on a DVD disc (202), an MPEG2 decoder (104) for receiving and decoding the  
22      MPEG2 sequences, and a frame buffer (106) for buffering the decoded MPEG2  
23      sequences to be output as at least one video signal from the DVD player.